

MINES BUREAU MAKING TESTS OF IMPORTANCE

(By Associated Press)
PITTSBURGH, Pa., Dec. 29.—Weighing the sweat of a man's brow is the task set for the United States bureau of mines station in Pittsburgh, according to A. C. Field, station superintendent and supervising chemist. The work will be undertaken by scales so delicately adjusted that their accuracy has been tested to within approximately 120th of a pound.

To obtain material for the test, it was said that men lifting weights

in an enclosed chamber were to be subjected to various degrees of temperature, humidity and air movements which would then be exactly controlled with scientific instruments under the constant observation of physicists and physicians. Fanciful as the work may seem, it was pointed out that it has an intensely practical purpose. For instance, in the Montana copper mines high temperatures are frequently encountered where it must be known at what temperature the men may work in safety. The same problem arises in the steel mills where the men work in rather high temperatures with safety, provided there is fairly rapid movement of air. If the air movement is not satisfactory, rapid rise in temperature rapidly becomes dangerous.

TRAVELS BY WHEEL CHAIR IN FLORIDA

(By Associated Press)
DAYTONA, Fla., Dec. 30.—Open parts of wheel chairs have adorned trains and joined the host of bicyclists, pedestrians and automobilists who undertake long journeys on the roads of Florida. A man in a wheel chair, who refused to give his name, passed through here recently on route from Jacksonville to Miami on the Dixie highway. He had covered the 116 miles of brick paved road between Jacksonville and Daytona in "big time," he said, and had little fear that he would not complete the remaining 250 miles of the journey in good condition, "although it is kind of hard on my hands."

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FIVE BIG MILLS ARE KEPT BUSY

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shaft workings of the Tonopah Extension Mining company, while the Tonopah Belmont Development company is mining an excellent grade of ore from the 1300 level.

Breaks a Record.
In considering production it must not be forgotten that the Tonopah Belmont Development company shut down all previous production records, excluding, of course, the four-month period in which chaos reigned during the period of the walkout of miners. Had it not been for this curtailment in development the production would have been materially augmented in computing the yearly output from our mines.

An operations were broadened at various times throughout the year in Tonopah proper, it became necessary to expand in a residential way with the result that in the neighborhood of 25 new homes were erected. Many of these houses were brought in from Goldfield and other outside places, a majority being placed upon ground owned by the Tonopah Extension Mining company and other big mines of the district. The fact that habitable houses are being provided for married men who are employed in the development of our mineral resources and at reasonable rentals has had a tendency to bring to Tonopah skilled workmen who desire to become a part and parcel of the business and industrial life of the community. These men are likely to be of a permanent nature, and that all sorts of future labor troubles have been erased for an indefinite period as we are living for the days that promise to be brimful of goodness to the peace of mind and body.

Divide Looks Up.
The Divide district, or at least the unmineralized area, has been proven to be of great richness, as is evidenced from the fact that several producers of more than ordinary size have been developed. During the year a splendid production was made from the Tonopah Divide, while the shaft has been lowered to the 1200-foot point. Stilling still is in progress, and the shaft will be trapped to water level. At that time the construction of a modern mill plant will begin, and the plant will not only be operated on ore from the Tonopah Divide but other mines will be greatly benefited, as announcement was made some months ago that production will be treated.

Other mines in the Divide that have been developed to the shipping stage, some of which have given splendid accounts of themselves, are the Gold Zone, Davis Extension, Tonopah Dividend, Johnson, Kernick and Heshbrouck, and the new year promises to witness increased activity from a production standpoint.

One of the leading features of our industrial life, the result of the last three months of mining activity, was brought about with the discovery of unusually high-grade ore on the Golden Eagle claim at what is now known as Camp Royston. This discovery of high-grade resulted in a real old-fashioned boom finding its inception, and within the last few weeks the population of the San Antonio district has expanded from a half-dozen people to nearly 100 souls. Something like 150 houses and tents now dot the hills at Camp Royston, and the little community is experiencing a healthy growth.

The fact that very little capital has yet been knocked at the doors of the new camp, and the further fact that it has been the men of brain and brawn who have been instrumental in bringing the district into such popular favor, has given color to the situation. This result has been manifold and we are today witnessing the spectacle of a mineral region being developed with an almost absolute degree of certainty where in nearly 100 mines were found

willing to take their chances with Dame Fortune by operating under the tribute or leasing system. On the Hudson property, owned by the Hudson Mining company, there are a score or more of leases that are receiving attention, and in a majority of instances one of a commercial grade is being mined. The fact that the Walker brothers, merchants, bankers and mining men of Salt Lake City, have placed their stamp of approval of Royston, and have provided a development fund of \$25,000 for the sinking of the 320-foot incline shaft to the 600-foot level on the Hudson property and modern machinery and other equipment needed is to be provided, has greatly stimulated matters in the new-old district. The Super Six Mining company has inaugurated a large development, while a number of other companies will shortly be in the field with a determination to prove up the worth of the camp in the quickest time possible.

The Royston boom is unlike any other ever witnessed in the west. Capital has been somewhat backward in seeking investments due to the depressed financial conditions throughout the country, but the critical period has now been passed, and it is predicted that early in 1922 there will be a hum of activity at Royston and throughout all other sections of southern Nevada that will bring renewed life to the blossoming mining camps of the desert.

Hardsilver. 30 miles south of Goldfield, promises to enjoy a long life and develop rapidly into one of the thriving and prosperous mining camps of this state. The rich mineral finds of magnitude that have been made of late on the Orleans mine, owned by the Orleans Horn-silver Mining company, has given the situation impetus, and before the summer season has arrived there promises to be developed a number of substantial producers. Property is in great demand, and the fact that the excess profits tax will be erased from the statute books of the federal government on January 1, promises to result in a number of pending deals being closed, and also to bring forth an increased production in every mining camp of the west.

Another district that jumped into the limelight during the past year is known as Argentine, where are located the Sanger and Eckland properties, both of which are showing in splendid physical form. These two mines will unquestionably be entered among the substantial producers by early spring, while other prospects are showing considerable class, with every reason to believe that some will shortly become producers.

The third camp that should not be overlooked, and which is practically a new mineral region, is known as Silverton. This section has been proven to be of richness, and all that now remains to make it one of the big producing sections is the construction of a modern mill for the treatment of ore on the ground, thus eliminating the excessive transportation charges, as well as costs of milling or smelting.

From inside sources it was learned during the closing week of the old year that Bellehelen is to receive just and well merited attention during the coming 12 months. During the past year prospectors have kept busy and finds of more than passing notice have been reported frequently, but the announcement made this week that the original Bellehelen mine will shortly be receiving attention has stimulated matters in no small way. It is stated that one of the very first things to be undertaken the coming spring will be construction work upon a modern and up-to-date mill plant, and that in addition to treating the ore from the Bellehelen mine, custom ore will be received. There is a splendid feeling of optimism prevailing among those interested in the Bellehelen district—one of the oldest producing sections in Nye county—and the fact that a revival is assured means that many producers will be giving a good account of themselves before the year 1922 has drawn to a close.

Silver Bow, Clifford, Eden Creek, Welch, Silver Peak, Klondyke, Redoubt, Manhattan, and all other sections have not been neglected by any means during the past year. On the other hand development has been prosecuted in a quiet but persistent manner in every locality of southern Nevada. Goldfield is entitled to much credit for the activity its residents have manifested, and our sister camp gives promise of redeeming itself in no uncertain way during the coming months.

Those interested in mining in southern Nevada have reason to feel elated. The days of depression seem to be passing at a rapid rate, and the year 1922 holds promise at this writing of being unusually prosperous. Our fame as a home of wealth is too widespread to permit of us being overlooked when the purse-strings of the financiers are untied, and money will come flowing westerly, directed mainly toward Tonopah as the main feeding point for all of the outlying rich mineral fields of southern Nevada.

BORROWS GUN SHOOT'S AWAY OWNER'S CASH

(By Associated Press)
PARIS, Dec. 30.—The ingenuity of French peasants in hiding money has surpassed itself in the case of a man near Lorient who received a 1000 franc note and a 500 franc note in payment for produce. He hid them in the muzzles of his double-barreled shotgun, believing that would be the last place thieves would search for money.

He made a mistake, however, in not taking his wife into the secret. A neighbor called a few days later, in the absence of the man of the house, and asked for the loan of the gun to get a hare. The hare escaped and when the peasant came in that evening his wife remarked that the neighbor must be a very bad shot.

"Why?" the peasant asked. "Because he used both charges of your gun on a hare without hitting it."

"My shotgun?" inquired the peasant with a gasp, at the same time making for the corner where the weapon hung.

The civil court of the department of Morbihan will have to decide the delicate point of law, whether the neighbor is responsible for the loss of the 1500 francs.

REWARD

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With acknowledgments to K. C. B.

It was time to wake up, all right



MY BRAIN was busy.
BUILDING AIR castles.
FOR I wasn't sleepy.
FINALLY I dozed off.
AND PROMPTLY dreamed.
THAT I was awake.
BUT WOKE right up.
AND FOUND I was asleep.
THEN I got thinking.
OF A wonderful formula.
FOR MAKING cigarettes.
I PLANNED it all out.
SO MUCH Turkish tobacco,
BLENDED JUST so with Burley.
AND OTHER Domestic leaf.
AND I knew that blend.
WOULD MAKE a hit.
I COULD just see.
CROWDS OF happy people.
THROWING INTO stores
TO BUY that cigarette.
THEN LIGHTING up.
SMACKING THEIR lips.
AND SAYING, "Oh, Roy.
IT'S THE exact copy
OF THAT 'Satisfy' blend."
AND THEN I came to.
AND SAID to myself.
"THIS TIME you're dreaming
FOR SURE."
WAKE UP, you darn fool.
WHY, THAT 'Satisfy' blend.
SIMPLY CAN'T be copied."



THAT'S a fact—the "Satisfy" blend can't be copied. It's our own secret—putting those good tobaccos together in a way that gives you every last ounce of their fragrance. You'll smack your lips over Chesterfields. And remember—you can't get "Satisfy" anywhere else.

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